

Problem Solving - Area and Perimeter

Name _____

1. The perimeter of a rectangle is 72 m. The width of the rectangle is 16 m. What is the area of the rectangle?
2. The length of a rectangular rug is 5 feet. If the area is 15 square feet, what is the perimeter of the rug?
3. The length of a swimming pool is 89 feet. If the area is 6,319 sq. feet, what is the perimeter of the pool?
4. The perimeter of a rectangular swimming pool is 320 feet. If the width of the pool is 89 feet, what is the length of the pool?
5. The lengths of a hexagon are 8cm, 13cm, 18cm, 10cm, and 3cm. If the perimeter of the object is 62 cm, what is the length of the unknown side?
6. The area of a swimming pool is 6,930 sq. feet. If the width of the pool is 99 ft., what is the length of the pool?
7. The width of a rectangular rug is 6 ft. If the perimeter is 22 feet, what is the area of the rug?
8. The diagram below represents a bird's eye view of Jan's square yard. Where the yard ends, a rectangular walkway begins. If the area of the yard is 64 sq. feet, and the walkway is 2 feet wide, what is the area of the walkway?

